

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"10825642"	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 12:21
S2	1	10/825,642	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/20 15:42
S3	2	("5966686").PN.	US-PGPUB ; USPAT; DERWENT	OR	OFF	2007/07/20 15:42
S4	5	("5111398" "5146406" "5386556" "5406480" "5424947").PN.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/07/20 15:43
S5	47	("5424947").URPN.	USPAT	OR	ON	2007/07/20 15:44
S6	28	("5966686").URPN.	USPAT	OR	ON	2007/07/20 15:50
S7	25	S6 and pars\$3	USPAT	OR	ON	2007/07/20 15:51
S8	12	S7 and (scor\$3 threshold)	USPAT	OR	ON	2007/07/20 17:40

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S9	45	("20050220351" "6871174" "20060294499" "5414809" "5555201" "6023572" "7013264" "20050065777" "20060156294" "6011918" "6738967" "20040030688" "4912656" "5210837" "5317734" "5392221" "5493505" "5519628" "5581663" "5617510" "5644648" "5701456" "5708767" "5784557" "5832485" "5857097" "5940083" "6026390" "6063126" "6085147" "6091424" "6094652" "6104962" "6130679" "6148436" "6226787" "6230200" "6256648" "6301694" "6339767" "6343376" "6360361" "6434656" "6437804" "6442545" "6449756" "6453058" "6473881" "6487565" "6510441").pn.	USPAT	OR	ON	2007/07/20 16:39
S11	3	(syntax syntatic) near (pars\$3 tag\$4) same (scor\$3 threshold)	USPAT	OR	ON	2007/07/21 17:33
S12	6	("5926784").URPN.	USPAT	OR	ON	2007/07/20 18:31
S13	0	("7146308").URPN.	USPAT	OR	ON	2007/07/20 18:41
S14	7	("5289376" "5424947" "5926784" "5937385" "5991712" "5995918" "6161084").PN.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/07/20 18:41
S15	1295	(704/9).CCLS.	US-PGPUB ; USPAT; DERWENT	OR	OFF	2007/07/21 15:39
S16	53	S15 and (syntax parts?of?speech) near (pars\$3 tag\$4)	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/21 17:29
S17	6	((("6098033") or ("6089033") or ("6076088")).PN.	US-PGPUB ; USPAT; DERWENT	OR	OFF	2007/07/21 17:31

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S18	36483	microsoft.as.	US-PGPUB ; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/21 17:31
S19	3	S18 and ((syntax syntatic) near (pars\$3 tag\$4)).clm.	USPAT	OR	ON	2007/07/21 17:35
S20	309	S18 and (pars\$3).clm.	USPAT	OR	ON	2007/07/21 17:37
S21	52	S20 and word.clm.	USPAT	OR	ON	2007/07/21 17:35
S22	37	S20 and (semantic syntax).clm.	USPAT	OR	ON	2007/07/21 17:36
S23	197	(vanderwende menezes banko). in.	USPAT	OR	ON	2007/07/21 17:37
S24	5	S23 and (pars\$3).clm.	USPAT	OR	ON	2007/07/21 17:37
S25	2	("5966686").PN.	US-PGPUB ; USPAT; DERWENT	OR	OFF	2007/07/24 16:30
S26	5	("5111398" "5146406" "5386556" "5406480" "5424947").PN.	US-PGPUB ; USPAT; USOCR	OR	ON	2007/07/24 16:33
S27	47	("5424947").URPN.	USPAT	OR	ON	2007/07/24 16:33
S28	11	(US-20050220351-\$).did. or (US-6236959-\$ or US-7197451-\$ or US-6161084-\$ or US-6098033-\$ or US-7146308-\$ or US-6721697-\$ or US-6076088-\$ or US-6108620-\$ or US-5926784-\$ or US-6292771-\$).did.	US-PGPUB ; USPAT	OR	ON	2007/07/24 16:44
S29	1	S28 and directionality	US-PGPUB ; USPAT	OR	ON	2007/07/24 17:57
S32	2	("5933822").PN.	US-PGPUB ; USPAT; DERWENT	OR	OFF	2007/07/24 18:00



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- 1 [Large-scale resources: Structural patterns vs. string patterns for extracting semantic information from dictionaries](#)

Simonetta Montemagni, Lucy Vanderwende

 August 1992 **Proceedings of the 14th conference on Computational linguistics - Volume 2**

Publisher: Association for Computational Linguistics

 Full text available: pdf(512.60 KB) Additional Information: [full citation](#), [references](#), [citations](#)

- 2 [Semantics: Algorithm for automatic interpretation of noun sequences](#)

Lucy Vanderwende

 August 1994 **Proceedings of the 15th conference on Computational linguistics - Volume 2**

Publisher: Association for Computational Linguistics

 Full text available: pdf(584.12 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

This paper describes an algorithm for automatically interpreting noun sequences in unrestricted text. This system uses broadcoverage semantic information which has been acquired automatically by analyzing the definitions in an on-line dictionary. Previously, computational studies of noun sequences made use of hand-coded semantic information, and they applied the analysis rules sequentially. In contrast, the task of analyzing noun sequences in unrestricted text strongly favors an algorithm accord ...

- 3 [MindNet: acquiring and structuring semantic information from text](#)

Stephen D. Richardson, William B. Dolan, Lucy Vanderwende

 August 1998 **Proceedings of the 17th international conference on Computational linguistics - Volume 2 , Proceedings of the 36th annual meeting on Association for Computational Linguistics - Volume 2**

Publisher: Association for Computational Linguistics

Full text available: pdf(495.71 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)
[Publisher Site](#)

As a lexical knowledge base constructed automatically from the definitions and example sentences in two machine-readable dictionaries (MRDs), MindNet embodies several features that distinguish it from prior work with MRDs. It is, however, more than this static resource alone. MindNet represents a general methodology for acquiring, structuring, accessing, and exploiting semantic information from natural language text.

This paper provides an overview of the distinguishing characteristics of MindNe ...

4 Summarization: multidocuments and new applications: A compositional context sensitive multi-document summarizer: exploring the factors that influence summarization

Ani Nenkova, Lucy Vanderwende, Kathleen McKeown

August 2006 **Proceedings of the 29th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '06**

Publisher: ACM Press

Full text available:  pdf(211.28 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The usual approach for automatic summarization is sentence extraction, where key sentences from the input documents are selected based on a suite of features. While word frequency often is used as a feature in summarization, its impact on system performance has not been isolated. In this paper, we study the contribution to summarization of three factors related to frequency: content word frequency, composition functions for estimating sentence importance from word frequency, and adjustment of fr ...

Keywords: compositionality, context-sensitivity, frequency, multi-document summarization

5 MindNet: an automatically-created lexical resource

Lucy Vanderwende, Gary Kacmarcik, Hisami Suzuki, Arul Menezes

October 2005 **Proceedings of HLT/EMNLP on Interactive Demonstrations**

Publisher: Association for Computational Linguistics

Full text available:  pdf(95.83 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

We will demonstrate MindNet, a lexical resource built automatically by processing text. We will present two forms of MindNet: as a static lexical resource, and, as a toolkit which allows MindNets to be built from arbitrary text. We will also introduce a web-based interface to MindNet lexicons (MNEX) that is intended to make the data contained within MindNets more accessible for exploration. Both English and Japanese MindNets will be shown and will be made available, through MNEX, for research pu ...

6 Effectively using syntax for recognizing false entailment

Rion Snow, Lucy Vanderwende, Arul Menezes

June 2006 **Proceedings of the main conference on Human Language Technology Conference of the North American Chapter of the Association of Computational Linguistics**


Publisher: Association for Computational Linguistics

Full text available:  pdf(409.57 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Recognizing textual entailment is a challenging problem and a fundamental component of many applications in natural language processing. We present a novel framework for recognizing textual entailment that focuses on the use of syntactic heuristics to recognize false entailment. We give a thorough analysis of our system, which demonstrates state-of-the-art performance on a widely-used test set.

Results 1 - 6 of 6

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